

**REISSUE APPLICATION DECLARATION BY THE INVENTOR**

Docket Number (Optional)  
1103179-0009

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name. I believe I am the original, first and sole inventor of the subject matter which is described and claimed in patent number 6,021,265, granted February 1, 2000, and for which a reissue patent is sought on the invention entitled Interoperability with Multiple Instruction Sets the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_ / \_\_\_\_\_  
and was amended on \_\_\_\_\_.

(If Applicable)

I have reviewed and understand the contents of the above identified specification, including the claims,  
as amended by the amendment filed herewith.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**PRIOR FOREIGN APPLICATION(S)**

			Priority claimed	
<u>9411670.4</u>	<u>UK</u>	<u>10 June 1994</u>	<u>X</u>	
(Number)	(Country)	(Day/month/year filed)	Yes	No

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below:

<u>08/477,781</u>	<u>June 7, 1995</u>	<u>Patented (US 5,758,115)</u>
(Application Number)	(Filing Date)	(Status—patented, pending, abandoned)

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming less than he had the right to claim in the patent, as described below:

☐ by reason of other errors.

My invention for a data processing apparatus for switching between multiple instruction sets, described in my patent, has numerous novel and non-obvious aspects to it. Some aspects of my invention are claimed. For example, claim 1 refers to indicator bits that are predetermined bits of a program counter register. Other novel and non-obvious aspects of my invention were unintentionally omitted from the claims without any deceptive intent on my part. For example, as the specification of the patent explains, one of the advantages of the invention is the use of a single machine word to specify both the address of an instruction and the instruction set from which the instruction comes. When a machine word is used to identify both the address of a instruction and the instruction set for the addressed instruction, a single instruction can be used to access another instruction from another instruction set. This is true regardless of whether the indicator bits are maintained as part of the program counter register or not. This aspect of my invention, along with others, have now been claimed as part of the present reissue application.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) 1103179-0009
As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.		
Name(s)	Registration Number	
All practitioners at Customer Number 007470		
Correspondence Address: Direct all communications about the application to:		
<input checked="" type="checkbox"/> Customer Number	007470 <small>Type Customer Number Here</small>	<div style="text-align: center;">→</div> Place Customer Number Bar Code Label Here
Direct all telephone calls to		
Name	Scott T. Weingaertner	
Telephone	(212) 819-8200	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.		
Full name of sole or first inventor (given name, family name) <b>Edward Colles Nevill</b>		
Inventor's Signature	<i>Edward Nevill</i>	Date <i>1<sup>st</sup> February 2002</i>
Residence	Huntingdon, UK	
Mailing Address <b>16 High Street, Hemingford Grey, Huntingdon, PE28 9DR, UK</b>		
Full name of second joint inventor (given name, family name)		
Inventor's Signature	Date	
Residence	Citizenship	
Mailing Address		
Full name of third joint inventor (given name, family name)		
Inventor's Signature	Date	
Residence	Citizenship	
Mailing Address		
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.		

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	TBA
Filing Date	TBA
First Named Investor	Nevill
Title	Interoperability with Multiple Instruction Sets
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket	1103179-0009

I hereby appoint:

☒ Practitioners at Customer Number  
**OR**

007470

Place Customer  
Number Bar Code  
Label here

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number  
**OR**

☐ Practitioners at Customer Number

Place Customer  
Number Bar Code  
Label here

☐ Firm or  
Individual Name

Address

Address

City

state

zip

County

Telephone

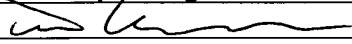
Fax

I am the:

☐ Applicant/Inventor

☒ Assignee of record of the entire interest. See 37 CFR 3.71  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

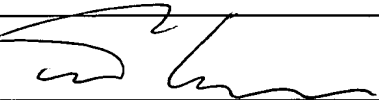
**SIGNATURE of Assignee of Record**

Name	W. Tudor Brown
Title	Chief Operating Officer of ARM Limited
Signature	
Date	30 Jan 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of one forms are submitted.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		<b>Docket Number 1103179-0009</b>	
<p>This is part of the application for a reissue patent based on the original patent identified below.</p>			
<b>Name of Patentee(s)</b>		<b>Edward Colles Nevill</b>	
<b>Patent Number</b>		<b>6,021,265</b>	<b>Date Patent Issued</b>
			<b>Feb. 1, 2000</b>
<b>Title of Invention</b>		<b>Interoperability with Multiple Instruction Sets</b>	
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>			
<p>The assignee(s) owning an undivided interest in said original patent is/are <u>ARM Limited</u>, and the assignee(s) consents to the accompanying application for reissue.</p>			
<b>Name of assignee: ARM Limited</b>			
<b>Signature</b>		<b>Date</b>	
		<u>30. Jun 2002</u>	
<b>Typed or printed name and title of person signing for assignee (if assigned)</b>			
<b>W. Tudor Brown Chief Operating Officer</b>			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### STATEMENT UNDER 37 CFR 3.73(b)

Patent Owner: ARM Limited  
 Patent No: 6,021,265 Issue Date: Feb 1, 2000  
 Entitled: Interoperability with Multiple Instruction Sets  
ARM Limited, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
 The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 9438, Frame 0969, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

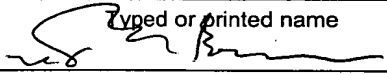
☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

30 Jan 2002  
 Date

W. Tudor Brown  
 Typed or printed name  
  
 Signature  
Chief Operating Officer  
 Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.